

LITERATURE CITED

1. COVILLE, F. V. Descriptions of new plants from southern California, Nevada, Utah and Arizona. Proc. Biol. Soc. Wash. 7: 65-80. 1892.
2. HULTÉN, ERIC. Flora of the Aleutian Islands. Stockholm. 1937.
3. NELSON, AVEN. New Manual of Rocky Mountain Botany. 1909.
4. ROBINSON, B. L. [Caryophyllaceae] Synoptical Flora of North America 1: 208-255. 1897.
5. TIDESTROM, IVAR. Flora of Utah and Nevada. Contrib. U. S. Nat. Herb. 25: 1-665. 1925.

A NEW LIMNANTHES FROM OREGON

LEROY ABRAMS

Limnanthes Howelliana sp. nov. Caules ex basi 1 vel plures, 12-25 cm. alti, succulenti, glabri. Folia glabra, infera 5-8 cm. longa, infra divisionibus 2- ad 3-lobatis, supra integris, linear-oblongis vel linearibus; sepala lanceolata, acuta, 7-8 mm. longa, glabra; petala alba, basi flava, obovata, emarginata, 12-16 mm. longa, apice subtruncato et late emarginato, infra 9-nervia, infra medium sparsim longo-villosa; carpella dense obtuso-tuberculata.

Stems one to several from the base, 15-25 cm. high, rather succulent, glabrous. Leaves glabrous, the lower 5-8 cm. long, lower divisions 2- to 3-lobed, the upper entire, linear-oblong or linear; sepals lanceolate, acute, 7-8 mm. long, glabrous; petals white with yellow base, obovate, emarginate, 12-16 mm. long, 6-7 mm. wide at the subtruncate broadly emarginate apex, 9-nerved below, sparsely long-villous below the middle; nutlets thickly beset all over with broad mammillate tubercles.

Type. Roadsides and fields near Wilbur, Douglas County, Oregon, April 8, 1894, *J. W. Thompson 10161* (Dudley Herbarium 230576). Other collections of this species in Dudley Herbarium are: ditch north of Oakland, *J. W. Thompson 4390*; Yoncalla, *J. W. Thompson 186*. All of these stations are in Douglas County on the Umpqua River watershed.

Thomas Howell gave a good description of this species in his "Flora of Northwest America" under the name *Limnanthes Douglasii* R. Br. and I therefore take pleasure in naming it in his honor. It differs from *L. Douglasii*, a species of the Coast Ranges of central and northern California, in several characters. The nutlets of that species are smooth or crowned at the apex with a few tubercles, the leaflets or divisions several-toothed or -lobed, whereas in *L. Howelliana* they are entire or the lower 3-lobed, as in *L. alba* Hartw. *Limnanthes rosea* Hartw. has the nutlets thickly beset all over with protuberances, but they are thin, scale-like and whitish.

Four other species of *Limnanthes* have been described from southern Oregon: *L. Bellingeriana* M. E. Peck, *L. floccosa* Howell, *L. gracilis* Howell, and *L. pumila* Howell.

Dudley Herbarium, Stanford University,
California, February 5, 1940.